

Notice of Allowability

Application No.

09/840,368

Examiner

Oanh Duong

Applicant(s)

MOORE ET AL.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/11/2005.
2. ☒ The allowed claim(s) is/are 11 and 18-26.
3. ☒ The drawings filed on 23 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☒ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 03/29/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 2005/08/01
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


SALEH NAJJAR
PRIMARY EXAMINER

INTERVIEW SUMMARY

1. A telephone interview was initiated by examiner on August 1, 2005. Applicant's representative agreed to incorporate the feature "wherein providing the first physical location information to the application comprises providing a method used in said discovering information about the first network to the application via a common Application Programming Interface (API)" to all independent claims to place this application in condition for allowance.

In claim 26, the feature "a computer-readable medium" is amended to "a computer-readable storage medium" in order to avoid a possibility of non-statutory subject matter.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

The invention as claimed. Claims 11, 20 and 26 specially based on a limitation *providing a location method such as user-entered ZIP code or DSN via RFC 1876 used in discovering physical location information about the network to the application via a common Application Program Interface (as defined in Fig. 12B, location method 1204, page 39 lines 29-31)*. While system and method for providing physical location information to application is firmly documented by cited prior art, the *providing a location method used in discovering physical location information about the network to the*

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application via a common Application Program Interface limitations are novel and the invention is patentable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard F. Giunta (Registration No. 36,149) on August 1, 2005.

The application has been amended as follows:

The title of the invention is changed to: **"System and Methods for Providing Physical Location Information and a Location Method used in Discovering the Physical location information to an Application on a Computing Device"**.

The claims of the invention are amended as follows:

11. (currently amended) A method for providing information to an application on a computing device, the method comprising:

discovering that the computing device is attached to a first network;

associating a first name with the first network;

upon discovering that the computing device is attached to the first network, discovering information about the first network, the information about the first network comprising first physical location information;

providing the first name and the first physical location information to the application;

discovering that the computing device is attached to a second network, the second network different from the first network;

associating a second name with the second network, the second name different from the first name;

upon gaining connectivity to the second network, discovering information about the second network, the information about the second network comprising second physical location information;

providing the second name to the application; and

if the second physical location information differs from the first physical location information, then providing the second physical location information to the application;

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wherein providing the first physical location information to the application comprises providing a location method used in said discovering information about the first network to the application via a common Application Programming Interface (API).

20. (currently amended) A method for providing information to an application on a computing device, the method comprising:

discovering that the computing device is attached to a first network;

associating a first name with the first network;

upon discovering that the computing device is attached to the first network, discovering information about the first network, the information about the first network comprising first physical location information;

providing the first name and the first physical location information to the application;

discovering that the computing device is attached to a second network, the second network different from the first network;

associating a second name with the second network, the second name different from the first name;

upon gaining connectivity to the second network, discovering information about the second network, the information about the second network comprising second physical location information;

providing the second name to the application; and

if the second physical location information differs from the first physical location information, then providing the second physical location information to the application;

wherein the first physical location information comprises an error range of [[the]]
a physical location, and providing the first physical location information to the application
comprises providing a location method used in said discovering information about the
first network to the application via a common Application Programming Interface (API).

22. (currently amended) The method of claim 11 wherein providing the first physical location information to the application comprises converting the first physical location information to a common format before proving the first physical location information to the application.

25. (currently amended) The method of claim 11 further comprising:
notifying the application when physical information provided to the application is supplemented by further information.

26. (currently amended) a computer-readable storage medium having computer-executable instructions for performing a method for providing information to an application on a computing device, the method comprising:

discovering that the computing device is attached to a first network, discovering information about the first network, the information about the first network comprising first physical location information;

providing the first name and the first physical location information to the application;

discovering that the computing device is attached to a second network, the second network different from the first network;

associating a second name with the second network, the second name different from the first name;

upon gaining connectivity to the second network, discovering information about the second network, the information about the second network comprising second physical location information; and

if the second physical location information differs from the first physical location information,

then providing the second physical location information to the application, wherein providing the first physical location information to the application comprises providing a location method used in said discovering information about the first network to the application via a common Application Programming Interface (API).

Oath/Declaration

4. Applicant is now required to submit a substitute declaration or oath to correct a deficiency such as claiming benefit of U.S. application no. 09/557,498 under 35 USC 119(e). The substitute oath or declaration must be filed within the THREE MONTH shortened statutory period set for reply in the "Notice of Allowability" (PTO-37). Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136.


Failure to timely file the substitute declaration (or oath) will result in **ABANDONMENT** of the application. The transmittal letter accompanying the declaration (or oath) should indicate the date of the "Notice of Allowance" (PTOL-85) and the application number in the upper right hand corner.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oanh Duong whose telephone number is (571) 272-3983. The examiner can normally be reached on Monday- Friday, 2:00PM - 10:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

O.D
August 1, 2005



SALEH NAJJAR
PRIMARY EXAMINER